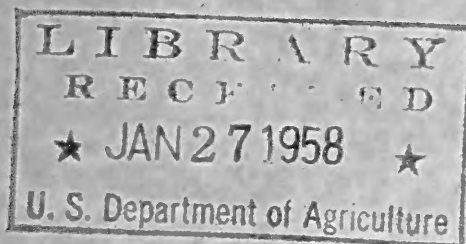


SB115
Z9C373
R

REF/RAR

1957-58



Quality

Chrysanthemums

CASCADE GARDENS

4511 PASADENA AVENUE

SACRAMENTO 21,

CALIFORNIA



PLEASE READ CAREFULLY BEFORE ORDERING

TERMS OF SALE:

Plants will be shipped from April 15th through June. Please order early and avoid disappointments. We will ship at the time you desire during this period.

As we have no control over plants after they leave our gardens, all claims for damages in transit must be entered against carrier.

PRICES: Plants are priced individually or six for the price of five, any type, any variety, in the same price range. Orders of six or more of one variety must be placed three weeks in advance of shipping time.
Orders for Exhibition varieties to be shipped later than April 15th should be placed three weeks in advance.
Prices quoted are for bare root cuttings. We are also offering plants established in bands at 25% above rooted cutting prices.
Allow from two to four weeks from time order is received.

DISCOUNTS: 20% discount for orders of \$25.00 or more.
10% discount for orders received before March 15th.

SHIPMENTS: Due to cost of packing we do not accept orders for less than \$3.00. Please add sufficient Postage. No stamps, please, in denominations larger than 6c.
As a basis for computing weight, figure 1 dozen plants per pound. Where weight allows we add extra plants.
SPECIAL HANDLING gives your package the same handling as first class mail and hastens delivery.
Your post office will furnish rates on request.
Plants in bands should be shipped by Railway Express or Truck Lines.

TERMS: Cash with order F.O.B. Sacramento. Residents of California please add 4% sales tax.

We are a "PINTO TAG" nursery, which means that our plants require no inspection at destination in nearly all counties of California, thus speeding up delivery.

COLLECTIONS

Select the varieties you want. 12 plants — any type, any variety —
IN ONE PRICE RANGE for the price of ten, such as 12 at \$.35 for
\$3.50, 12 at \$.50 for \$5.00, and so on.

ATTENTION LOCAL CUSTOMERS: Please phone or send in your list in advance. Plants will be established in plant bands at no extra charge when called for here. Plants are also available in gallon cans throughout the year.

HANDLING OF PLANTS UPON ARRIVAL

For safe handling of rooted cuttings they should not be put into a rich soil mixture. We recommend planting in a compost consisting of 2 parts (by volume) of soil and 1 part each of peat moss and coarse sand to which is added superphosphate at the rate of 1½ oz. per bushel of mixture. Plant in small pots (3 or 4 in.), plant bands or space in flats. Place in part shade until well established and root system developed when they may be safely planted into ground or richer mixture.

STREET

Date to be shipped _____

☐

No

Air Parcel Post ☐Ry. Express . . ☐Air Express . . ☐

--	--	--	--	--

(over)

TO OUR CUSTOMERS AND FRIENDS

We have worked very diligently in compiling this catalog and have tried to insert all the information possible and still keep the copy confined to something less than a book. During the years we have built up such a large collection of fine varieties—far more than we are able to list—that making decisions on those to catalog is a mean task. We would also like to write more specifically on culture, growing in pots, etc., but space does not allow it, so if you have any particular problems and you care to write us, we will try to help.

May we express our appreciation for all the kind words and deeds of our many customers and friends, also for all the complimentary letters we have received. Those are the rays of sunshine that brighten an otherwise cloudy day.

In closing, we extend our usual invitation to visit our gardens at any time, but especially during the mum blooming season from late August through November.

CULTURAL SUGGESTIONS

While we hope these suggestions may be helpful to our growers, we must confess to some hesitancy in making them specific. The great variations in conditions in the wide areas to which our plants are sent must cause some modifications.

For general outdoor conditions one should select varieties which will set buds early enough for blooming before the frost period in your locality. The newer Early English varieties will be a pleasant surprise to those not now acquainted with them. The colors are most unusual and beautiful, of solid substance and even without disbudding will make nice large flowers for cutting. Stems are long and sturdy. Staking is necessary with these as they become quite heavy with bloom. Starting late August they continue blooming through October, and here some have blossomed into late November.

For summer bloom or for landscape use, choose the cushion varieties or the Lilliputs, though the latter are at their very best in November. For early fall you will find the American Garden varieties and the small Pompons which grow from 1 to 2 feet high and suitable for bedding, borders and also for cutting. For masses of color they are superb, and many of these require no support.

GROUND PREPARATION—The soil as such is not of great importance. The conditions as to aeration and drainage are the important things. If the soil is apt to be too wet in rainy season a raised bed of 4 to 6 inches is best. This may also save plants from so-called winter killing. Prepare the ground as far in advance of planting as possible, in the fall is best. Use about 5 bushels or two large bags of manure to each 100 sq. ft. of bed area. Add 4 to 6 lbs. superphosphate and 3 to 4 lbs. of John Innes Base Plant Food and spade all thoroughly under. A sack or two of coarse sand is helpful if soil is heavy. If soil is acid a pound or two of lime should be added. Mums do better in soil that is neutral or only slightly acid.

If John Innes Base is not available use Bloodmeal 3 parts, superphosphate 6 parts and sulphate of muriate of potash one part—mix thoroughly and use at same rate.

PLANTING—Plant out as soon as the ground is warm. Do not plant too deeply and shade until established if weather is sunny or hot. Plant in a sunny location as they require at least six hours of sunshine daily. In our hot interior valley morning sun is ideal. Assuming that your ground is well prepared, set out plants in this way; using a hand trowel dig a hole to accommodate the root ball, gently spread the roots out and set in hole firming the soil around and over them, then water just enough to settle soil (a cup or two of water) and cover lightly with more soil. Great care must be taken at this time not to over-water. It is best not to flood or irrigate the bed until plants are well established as this may damage the roots to such extent that they do not recover. The roots will develop faster as they go out in search for moisture and when the root system grows larger they should not suffer for lack of water and never be allowed to completely dry out as this damages the feeder roots which are near the surface. For best results plants should be kept growing steadily without any check in growth.

FEEDING—Providing your ground is prepared as above no further feeding is necessary for any of the garden varieties such as Cushions, Lilliputs, etc. For disbud varieties extra feeding should be given.

PINCHING—As many growers are not particular as to exact blooming date we suggest planting May or early June, then around June 20th to 30th cut back to 4 or 5 nodes or sets of leaves and in about ten days select the number of stems that you wish for bloom (3 for the large flowering). Select the strongest and remove all others. Save the first bud that appears unless it comes before August, in that case rub it off; a top side shoot will grow, on which another bud will form; save this one. Remove all side shoots or laterals as they appear, pinching them out with the thumb nail. Stake each stem with a bamboo cane, tying well. This will keep stems straight and prevent flowers rubbing which causes them to bruise. We find raffia a good tying medium. It is strong, easy to handle, will not cut the plant and is economical to use.

For pompons, anemones and garden varieties use same general culture. Pinch top of plant when well established and cut back again July 1st to 15th. The large pompons and anemones may be disbudded. The cushions and Lilliputs require no pinching.

PESTS—For control of aphids, dust with Malathon dust, repeat in 5 days or use Benzene Hexachloride, 1 tablespoon to one gallon of water as a spray, repeating in 5 days.

Leaf Hopper and Thrip—Dust with DDT and sulphur, repeat in 15 to 18 days.

Red Spider or Two Spotted Mite—These usually appear late in the dryer part of the season. Use Aramite; one application usually does.

Rust, Leaf Spot and Mildew—Fermate as directed on package. Captan is very good. For mildew only, use dusting sulphur.

WEED CONTROL—As soon as planting is done cover bed area with a 2 or 3 inch mulch of wood shavings or any light material which contains no weed seeds and will not pack. This keeps weeds from growing and also keeps root area cool and the feeder roots from drying out.

NEW EXHIBITION VARIETIES—INCURVING

AMI FERNAND VAISSADE—Solid bloom of deep bronze with inside of petals deep crimson. Well shouldered flower of good depth. Short strong grower. October 25th on first crown bud. \$1.00.

BASILISK—A very neatly incurving flower of medium size. Color plum purple. Height 4 ft. \$1.00.

CASCADE WONDER—Incurving true pink with florets having a pearl-like sheen. A real beauty of good size and depth. Short grower. October 25th on first crown. \$1.00.

SKIDDAW—Large solid bloom. Will be in the forefront of exhibition varieties. A pleasing strawberry with buff reverse. Height 4 ft. October 20th. \$1.50

SOUVENIR DE PAUL DEUTCH—Large deep incurving scarlet and bronze with blood red reverse. Short vigorous grower with good foliage. October 25th on 1st crown bud. \$1.00.

INCURVING EXHIBITION VARIETIES—GENERAL COLLECTION

ALFRED SIMPSON—Crimson with buff reverse; incurving, strong grower. A.M. \$.50

BAMBI—Color milk white making a perfect ball. The petals are large and late buds show a delicate pink shade in the center of the flower. Good stems and foliage. A sport from Wm. Turner. Stop May 25th for the first crown. \$.75.

BEN LEIGHTON—Color wine-red with lighter reverse. Blooming here about October 20th. \$.35.

BEN TASHIMA—Tubulated petals of purple with deeper shade at tip opening. Silver reverse. Strong grower. November 1st. \$.35.

BRONZE TURNER—Very light colored bronze of the famous Turner varieties. Early Nov. \$.50.

BRYCE CANYON—Hues of bronze and red make up this bloom on tall growing plant. Nov. 1st. \$.35.

CHALLENGER—Rosy purple. Tall grower. Early Nov. \$.35.

DOROTHY DEE—Attractive globular bloom of good size and substance with bottom petals hanging gracefully down. Early Nov. \$.50.

DREAMLAND—Pink in color. Tall grower. Early Nov. \$.35.

ERIC C. SWIRE—A grand flower of large size, mauve pink with silver reverse; good keeper. Dwarf. A. M. \$.50.

FERN EDWARDS—Beautiful lavender pink, good form and dwarf habit. Fine for exhibition. \$.50.

FRED BAKER—Rosy purple, silver reverse; full shouldered flowers; dwarf habit. A.M. \$.50.

GAIETY—Wine red—lighter reverse, tall grower. \$.35.

GEORGE EDWARDS—Beautiful large white with a sheen of lilac; flowers of whorled form. F.C.C. \$.75.

GLAMOUR—Incurving yellow. Tall grower. Oct. 25th. \$.35.

GOLDEN MRS. HABGOOD—A grand golden-yellow sport from Mrs. H. Habgood; petals curled and interlaced as in its parent, building up a perfect ball. A.M. \$.50.

GOOD GRACIOUS—Large subdued yellow incurve. Narrow petals twist and curl building up a large globular bloom. Nov. 7th. \$.50.

GOODNESS GRACIOUS—Same formation as Good Gracious except that color is soft pink. Nov. 7th. \$.50.

GORDON HABGOOD—Inc. Jap. of large size, mahogany-bronze, shaded greenish gold. F.C.C. \$.50.

GRAPE BOWL—Deep purple of globular form. Late Oct. \$.35.

JEAN RICARDO—A distinct, inc. Jap., broad petals building a large flower. The color is orange-apricot with a shading of buff, and most attractive. A.M. \$.75.

JOSEPH BRADFORD—Color plum, wide ptals; large incurving blooms; dwarf habit. October 20th. \$.50.

JOSEPH KEELING—Silvery pink inc. Jap., dwarf habit; very good bloom of solid substance. October 20th. \$.50.

JUDITH MOON—An attractive incurving bloom of rosy apricot with a buff reverse. A good hard petal which lasts well. \$.50.

KEITH LUXFORD—A good variety with semi-incurving flowers of deep rose with silver reverse; good for exhibition. F.C.C. \$.50.

LADY GOWRIE—A white incurving Jap. F.C.C. \$.50.

LILLIAN FOLTZ—Large size incurving flower of yellow with lower petals hanging gracefully down. Nov. 1st. \$.35.

LINELLA—Rose with silver reverse, dwarf habit. F.C.C.. Late October \$.50.

LOUISA POCKETT—Pure white, large bloom of perfect form. \$.50.

MARY PALMOUR—Rosy purple; lighter reverse. Tall. \$.35.

MISS HIROSHIMA—Rose-red with lighter reverse. Tall. \$.35.

MISS FRANCES LOWE—Large flower of unusual color, old rose and creamy buff. Nov. 1st. \$.50.

MME. GABBIELLE CALAS—Reflex exhibition, petals often whorl. Color bright satin rose with paler reverse. Plant is vigorous, with fine straight stems and good foliage. Pinch May 25th, for first crown. \$.75.

MRS. H. HABGOOD—Salmon shaded apricot; a very pleasing color. Late Oct. \$.35.

MRS. M. SARGENT—An incurving Japanese type with curling and interlacing petals of a pretty pale green, making a most attractive flower. Late Oct. \$.75.

ORIOLE—Large size bloom of exceptional merit. Late October. \$.35.

PATSY ROBINSON—A delicate bluish pink, very large incurving and interlacing petals broad and thick. A premier exhibition variety. Dwarf habit. A.M. 1951 \$.75.

PINK TURNER—Pale pink. \$.50.

SHIRLEY CHAMPION—Magnificent flower, deep yellow, its wide petals incurve and interlace, making a huge ball; dwarf habit. A foremost exhibition variety. F.C.C., N.C.S., F.C.C., Sheffield. \$.50.

SHIRLEY PRIMROSE—A giant flower with drooping petals, one of the largest Japs yet seen. F.C.C. \$.50.

SUCY—Large exhibition incurving bloom, white tinted rose, which holds its color remarkably well. Plant is robust, with good stems and foliage. Pinch end of May for first crown. \$.75.

SYBIL MOLYNEUX—Broad incurving petals of golden-yellow building up a large bloom. \$.50.

TEMERAIRE—A lovely variety of unusual color, described as rosy red; dwarf, easy grower. \$.50.

THOMAS POCKETT—Large flower of deep pink with incurving tips and reverse side of silvery pink. \$.35.

VOLTAIRE—Crimson with buff reverse, large Jap., incurving. F.C.C. \$.50.

WM. TURNER—Pure white with wide petals forming a perfect ball. Large bloom and one of the older favorites. Late Oct. \$.50.

WINSTON CHURCHILL—A unique color, inside of petals old rose with reverse of creamy buff. Jap. incurving. F.C.C. Late October. \$.50.

YELLOW MAMMOTH—Primrose yellow. Tall grower. Late October. \$.35.

YELLOW TURNER—Soft yellow sport of Wm. Turner. Same except for color. Late October. \$.50.

ASSESSING THE QUALITY OF BLOOM

Good form is an essential quality of a first class bloom. The bloom should be a typical specimen of its variety, and should be shapely and show development all around. Large exhibition varieties vary considerably in form; some reflex evenly, others have drooping petals, while others still have whorled or interlacing petals; but they must always have good depth as well as breadth.

Exhibition incurved Chrysanthemums should be as globular as possible; they should never show an open center and should be free from loose basal florets. Although incurving varieties are somewhat looser in formation, the same general rules apply.

NEW EXHIBITION VARIETIES—INCURVED

EVELYN LAYE—A rich bright yellow similar to Mecca but of dwarfer habit. Small foliage. \$1.00.

FRANK WOOLMAN—First class for exhibition, the color being amber to apricot bronze building up a neat and good sized flower of excellent quality. Height 4 ft. \$1.00.

PALE MOON—Creamy white incurve of perfect form. Dwarf grower. \$1.50.

PRISCILLA LEWIN—A beautiful clear yellow, very full and solid. Strong stems, and a good habit. \$1.00.

INCURVED EXHIBITION VARIETIES—General Collection

ANNIE CURRY—Ivory white, extra good. Oct. 20th. \$.50.

ATLANTA—Good tight bloom. For best results grow 3 or more to a plant. Late October. \$.50.

CONNIE MAYHEW—A beautifully shaped flower after the style of the Monuments, finishing into a perfect top, with every petal correct; creamy primrose. October 25th. \$.50.

COUNTRY GENTLEMAN—Clear yellow sport from Country Maiden. Same as parent except color. Oct. 20th. \$.35.

COUNTRY MAIDEN—Compact incurving flower of apricot bronze, wide healthy foliage, dwarf grower. Oct. 20th. \$.35.

CREAM MONUMENT—Sport from Yellow Monument. F.C.C. \$.50.

CREAM ONDINE—A new sport of the well-known Ondine. A pale creamy yellow incurving variety. Oct. 20th. \$.50.

CREAM PROGRESS—A beautiful incurving bloom of a most delightful creamy-primrose. Will be a "must" for the exhibitor. \$.50.

ELEGANCE—Full centered white incurve of huge size. \$.50.

ENID WOOLMAN—In the forefront of the incurving exhibition varieties. Large solid flower of good form. Clear yellow. \$.50.

- FRED SHOESMITH**—A seedling from the famous Friendly Rival, white with cream center, a tightly incurving bloom of very firm texture and outstanding substance. A.M., N.C.S. \$.50.
- GWENDOLYN READMAN**—A pure white flower of large size. A good size solid bloom and a strong grower. Early November. \$.75.
- HILDA BIRCH**—A beautifully shaped pure white incurve of dwarf habit. Popular with the exhibitor and for decoration. \$.75.
- HUNTER'S MOON**—A good creamy incurve with broad petals making a neat, large flower. Habit good. \$.50.
- J. H. GODDARD**—This variety is a true incurve, the solid blooms are a complete ball. Healthy grower, strong stems and small foliage, seedling from Mecca. \$.35.
- LILAC TIME**—Delicate lilac-pink; a good firm incurving bloom. Short grower with good foliage. Excellent keeper. \$.50.
- MARY YULE**—A lovely creamy-white incurving bloom with solid evenly laid petals and small foliage. Excellent introduction. A.M., N.C.S. \$.50.
- MAURICE JACQUET**—Bright golden bronze incurve; perfect ball shape. \$.50.
- MAXINE**—A beautiful white incurving bloom; very large flowers produced on a robust plant of average height. Strongly recommended for exhibition. \$.75.
- MAYFORD BUFF**—True incurving variety of a light bronze shade. Free healthy grower with long wiry stems and small foliage. \$.35.
- MAYFORD FLUSH**—A large, perfectly incurving flower of blush white. First class habit, small foliage; grand show variety. A.M. \$.50.
- MECCA**—Lovely rich yellow. A flower of large size and wanted by the exhibitor. A tight incurve. \$.75.
- MISS OSAKA**—Large bloom of light pink. Tall grower. Late October. \$.35.
- MONUMENT**—Very large globular type of unusual beauty. Oct. 25th. \$.35.
- MRS. FRANK HAY**—Rose-pink incurve. Tall grower. Early November. \$.35.
- MRS. H. C. LEGG**—Large soft pink. Tall grower. Nov. 5th. \$.35.
- PHILLIP KAY**—Lavender pink of good substance. Early Nov. \$.50.
- REG. HARRISON**—Closely built petals, making a very correct shape; color quite distinct—old rose and silver with bronze suffusion. \$.50.
- ROSE BOWL**—Large bloom of deep orchid pink. Nov. 1st. \$.35.
- SANTA ANITA**—Clear yellow. Tall grower. \$.35.
- SHEFFIELD**—An introduction which will go far as an exhibition variety. A large sized flower of perfect shape and color. A good clear yellow. A.M., London. \$.75.
- SOROCO**—Bronze, of perfect form; an improved Wolverine which it will supersede; dwarf habit. Oct. 20th. \$.50.
- SOUTHLAND**—White incurve. Tall grower. Oct. 25th. \$.35.
- SUNNYSOPE BRONZE**—Large ball shaped flower of golden bronze. Tightly incurving and a good keeper. Nov. 7th. \$.50.
- VERA WOOLMAN**—A delightful clear yellow. Wonderful quality exhibition flower, with hard, long lasting petals. Ideal exhibition incurved. A.M., N.C.S. \$.50.
- YELLOW CURRY**—Yellow sport from Annie Curry. \$.50.

NEW EXHIBITION VARIETIES

The Exhibition varieties, by cultural skill are made to produce large flowers used mainly for exhibition but also extremely valuable for bold schemes of decoration.

DORRIE SMITH—An excellent large Japanese exhibition variety. A very solid neat flower similar to a Majestic, of a medium primrose color. A good grower. Height 3 ft. \$1.00.

LEVIATHAN—One of the few really big Japanese varieties. The color is like Portsmouth Champion ranging from a bronzy chestnut on early flowers to a chestnut crimson on later ones. The flower is built up of many petals making a giant drooping bloom. Height 4 ft. \$1.50.

EXHIBITION VARIETIES—GENERAL COLLECTION

ALICE BURGESS—Color salmon; large reflexing flowers; distinct from any other variety. Strong, healthy grower. F.C.C., N.C.S. \$.50.

AMATEUR J. F. FOURNIER—Large exhibition reflex bloom. The color is new—bright orange-red with amber reverse. The plant is of medium height and vigorous. Natural break, first crown. \$.75.

AMETHYST—The ideal exhibition Jap., having all the good points, dwarf grower, color amethyst rose with paler tints on the reverse of petals, large broad-shouldered flower of great depth. F.C.C. \$.75.

AMI CHARLES SOUCHET—Sport from Heros Jean Guizonnier, retaining all of its good qualities. Color beautiful deep rosewood, petals gold tipped. \$.75.

ARCHIE WOOLMAN—A bright crimson, shaded scarlet; large globular flowers. A.M. \$.50.

BETTY BARNES—An immense flower of a maize-yellow color with deeper suffusions at base; grand depth and broad shouldered. A.M. \$.50.

BIRMINGHAM—Fine crimson, gold reverse. Grand habit. \$.50.

COSSACK—Grand flower of perfect form; shining crimson, one of the best; dwarf habit. F.C.C. \$.50.

CREAM DUKE—A cream sport from the Duke of Kent F.C.C. \$.50.

DR. C. H. LEVICK—A deep reddish-chestnut with paler reverse, similar in style to Birmingham. Medium height. \$.75.

DR. J. M. INGLIS—Rich wine red with silver reverse. Very large bloom. Tall grower. Nov. 1st. \$.50.

DUCHESS OF KENT—Pleasing pink, huge flowers of grand shape and form \$.50.

DUKE OF KENT—Large white of fine form. Dwarf habit. \$.50.

EDITH WOOLMAN—Pink flowers of huge size, perfect center; dwarf habit. F.C.C. Late Oct. \$.50.

EDNA GREEN—Deep golden-yellow; petals wide and firm. An excellent bloom. F.C.C., N.C.S. \$.35.

FRANK MARSHALL—Bronze with buff reverse; long drooping florets which curl at tips, forming a large exhibition variety of splendid keeping quality. A.M., N.C.S. \$.35.

FRANK PAYNE—Deep yellow in color; extra large flower, semi-incurving in form. Strong habit. A.M., N.C.S. \$.35.

GRAND PERE FONTANEAU—Large reflexed bloom; color buff with suffusion of salmon. \$.50.

HEROS JEAN GUIZONNIER—The color is light purple, showing gold at the petal tips. Certificat de Merit Supérieur. \$.50.

HUGH MITCHELL—Velvet crimson, golden reverse; of great depth. \$.50.

JESSIE HABGOOD—White, well-shouldered flower, made up of very numerous petals; large F.C.C. \$.50.

J. S. DAKERS—Clear pink; one of the largest and most refined pinks in this section. \$.35.

LANGUEDOC—This is a fine exhibition variety, after the style of James Bryant, but much easier to grow. The color is brilliant bright red with the tips of the petals up-turned, showing pale gold. The bloom is solid, tight and well-shouldered. Plant is vigorous, dwarf and healthy. Natural break, first crown. \$.75.

MAJESTIC—A grand variety, golden amber, reflexed bloom; dwarf, sturdy habit. \$.50.

NAGIRROC—Huge reflexed flower of golden bronze. Dwarf habit. Very fine. Oct. 20th. \$.50.

NEVILLE CHAMBERLAIN—Deep yellow reflexed bloom of excellent quality; strong grower. \$.50.

PATRIE—Purple with silver reverse, pointed petals upturning at tips; very beautiful and unusual. \$.50.

POCKETT'S MAROON—Deep maroon; an outstanding variety of excellent form, dwarf habit and easy culture. F.C.C., N.C.S. \$.50.

PURPLE PRINCE—Rich purple with silver reverse; large bloom. Like Say Edgar but much larger. \$.50.

RED MAJESTIC—Rich terra-cotta, sport from Majestic. \$.50.

REV. H. CHAPPEL—Peach-pink flushed salmon and overlaid with buff. F.C.C., N.C.S. \$.50.

ROYAL OPAL—A medium Japanese of quite unique color, opal shaded rosy purple. Beautiful evenly laid petals giving a flower excellent for exhibition or most attractive for decoration. \$.50.

SALMON KENT—A very nice sport from the well known Duchess of Kent. The color is salmon apricot. It has the neat smooth finish and good habit of its parent. A.M., London. \$.75.

SHIRLEY CHESTNUT—An outstanding variety of chestnut terracotta, with gold tips; huge flower. F.C.C. \$.50.

SHIRLEY MASTERPIECE—Really a great variety, pure white, petals hard and habit dwarf. F.C.C., N.C.S. \$.50.

SHIRLEY PERFECTION—One of the finest ever raised, well shouldered and of extreme depth; petals of great width; bright pink, with reverse of silver; dwarf habit. F.C.C. \$.50.

SHIRLEY SUPERB—This is without question a first class exhibition Jap, both in color, size and quality. It will hold its own against any of the existing varieties. It is a bright rosy purple with a silver reverse. Wide petals of considerable length make it a large solid flower. Like Shirley Perfection in type. A.M. 1954. \$1.00.

SHIRLEY TREASURE—A different color in Jap, chrysanthemums, a most attractive apricot-fawn, large flowers of the Majestic style, from which it is a seedling. Habit dwarf. A.M. \$.50.

SIR AUSTIN CHAMBERLAIN—Very large bloom, color crushed strawberry with a sheen of salmon-rose. \$.50.

TURBULENT—Rose-purple, with silver reverse; dwarf habit. A.M. \$.50.

YELLOW POCKETT—Light yellow sport from Louisa Pockett. \$.50.

YELLOW SHIRLEY MASTERPIECE—A rich yellow sport from this famous variety. \$.75.

AWARDS

The awards received by many varieties in this catalog are not from amateur shows. Each year in Great Britain many new introductions are shown before Floral Committees who select the varieties for awards.

ABBREVIATION OF COMMITTEES AND AWARDS

R.H.S.—Royal Horticulture Society.

N.C.S.—National Chrysanthemum Society.

J.E.F.C.—Joint Early Floral Committee.

A.M.—Award of Merit.

F.C.C.—First Class Certificate.

NEW ENGLISH DECORATIVE VARIETIES

75c each except where otherwise priced

The following varieties, both English Decoratives and American Commercial are generally not as large as the Exhibitions and are grown with less difficulty. Having solid substance, they are good keepers and shippers, therefore, used extensively by commercial cut flower growers.

ARVIL DOIG—A wonderful deep strawberry color. Hard petalled flowers, very neat and full centered. Particularly attractive under artificial light. A.M. \$1.00

CRIMSON LAKE—A large reflexed flower of velvety crimson. First class for exhibition. Height 3 ft. A.M.

MARIÉ MORIN—Excellent dwarf growing white. Solid, long-lasting large flowers; a good pot plant. 18 inches. Oct. 20th.

MY LADY—A beautiful reflexed bloom of light pink tinted salmon. Dwarf habit. Late October.

PRINCESS ANN—Pretty pink tinted salmon like My Lady but taller growing. End of October until middle of November. 4 ft. A.M.

RISING SUN—A very striking golden yellow of large size. Flower full and reflexing. Dwarf. Late October.

SALMON SUPERB—A salmon bronze sport from Pink Superb. First class for exhibition and decorative work. Early November.

ULSTER—Large crimson-maroon flower, with gold reverse; first class. Early November.

DECORATIVE OR COMMERCIAL VARIETIES—General Collection

35c each except where otherwise priced

AGNES FORD—Old rose with golden reverse; reflexing. A beautiful flower blooming late November. \$.50.

ALBATROSS—Large, full glistening white. Good keeper. Oct. 25th.

ANTON MARMONTELLE—Large cerise, broad pointed petals. Strong grower, excellent keeper. Oct. 20th.

APRICOT ELEGANCE—A sport from elegance and has the same superb habit as its parent. The color is a beautiful shade of apricot. Blooms early November. F.C.C., N.C.S.

AVONDALE BEAUTY—A bright shade of shell-pink incurving in form, and blooming here about November 5th.

BALCOMBE PERFECTION—Amber bronze; broad petaled flowers of good form, highly recommended. Late November. \$.50.

BLACK HAWK—Full centered reflexed flower similar to Harvard except deeper in color and broader petals. Oct. 25th.

BLAZING GOLD—Rich golden yellow incurving flower of good size. Oct. 20th.

CELEBRITY—Beautiful golden well-rounded bloom; strong healthy grower. Blooms about November 7th.

CHAS. GREENYER—Apricot shaded pink, delightful color; pointed petals; robust habit.

CONSTANCE BAKER—A perfect incurve; grand for exhibition or market; clear yellow. F.C.C.

CRESTA—A pleasing white incurved flower with a broad petal. Similar in build to a Monument. Late October \$.50.

CRIMSON ROBE—An incurved decorative of great merit. The blooms are very hard, carried on perfect stems and foliage. Excellent dwarf growing habit. November 1st. \$.50.

ELEGANCE—Shell pink; very large refined flower of incurving form. Grand easy grower and is worth a place in every collection. Late October.

FRIENDLY RIVAL—Rich golden yellow. Large incurved bloom. Dwarf grower. Nov. 10th.

FUCHSINE—Bright magenta rose; pointed petals having a striking appearance; habit and foliage good. Mid-October.

GARNET KING—Very popular large garnet-red flower of reflexed type. Nov 1st.

GOLDEN ARBINI—Very bright deep yellow fully doubled, gently reflexed in form. Nov. 1st.

GOLDEN ELEGANCE—A very valuable and attractive sport from the well known Elegance, with exactly the same habit as its parent. A.M., N.C.S.

GOLDEN GUINEA—A really excellent late flowering decorative, a bright rich buttercup yellow like a reflexed Friendly Rival. Small dark foliage, medium height. A.M. 1953 F.C.C. 1954. \$.50.

HAROLD ALSTON—Shining crimson, building up a flower both wide and deep. F.C.C.

HARRY MORRIS—Large size white, good for exhibition; very dwarf habit.

MAYFORD CRIMSON—A first class decorative of a grand color, large size with firm wide petals; good for exhibition or decoration. Early November.

MAYFORD ROSE—Silvery rose, large bloom with spiky petals on large stems, medium foliage, good grower. A.M. Early November \$.50.

MAYFORD SALMON—Soft salmon-pink of semi-incurving form. Strong healthy grower and free flowering A.M., N.C.S.

MILTON JONES—Orange-chestnut; large effective flower. A.M., R.H.S.

PENROD—A very tightly incurved flower of lasting quality. Oct. 25th.

PINK SUPERB—Clear pink of the largest size, incurving in form and blooming late October. \$.50.

SAY EDGAR—A real velvety purple with silver reverse; incurving habit. A.M.

SHIRLEY BEAUTY—A velvety crimson of good lasting quality; for exhibition or market; dwarf. A.M. Late Oct.

SHIRLEY BRILLIANT—Deep crimson, fine variety; flower of good size. A.M. Late Oct.

SHIRLEY GARNET—A color hitherto unknown; may be described as garnet-crimson, suffused carmine; correct flower with evenly laid petals; fine habit. A.M. Late Oct.

SILVER SHEEN—A satiny pure white incurved bloom. Oct. 20th.

SIR THOMAS NETTEFOLD—An attractive buttercup yellow of incurving form and dwarf habit. A.M. November. \$.50.

SUSAN AYLESWORTH—Deep pink with silver reverse, a long lasting incurving flower of great appeal. A strong variety fine for decoration end of October. A.M. 1953. \$.50.

SYMBOL—A large rich orange bronze, excellent for exhibition. Will be very popular. \$.75.

WORTHING PERFECTION—Tangerine bronze; incurving flowers; habit very good. A.M.

YELLOW LOVELINESS—Pure yellow with long stiff petals standing out well, giving a very full flower on a good stem. Late October.

EARLY ENGLISH GARDEN VARIETIES

Having grown these for a number of years for show and for cutting, we feel that they should be better known, especially in short season districts. Grown 8 to 10 blooms per plant it is not unusual to find 7 and 8 inch blooms. They should be planted out in May and pinched back sharply once then shaped to 6 to 8 blooms on the resulting breaks and flowered on the first buds that appear.

50c each except where otherwise priced

ALFRETON EXQUISITE—Incurving pink, delicately tipped with green, weatherproof, splendid for cutting. August and September.

AMBER BRIGHT—Bright amber bronze reflexing blooms with rolled petals. Dwarf habit. A.M., R.H.S.

BALCOMBE BRILLIANCE—A bright scarlet crimson with gold reverse; a medium sized reflexed bloom. August and September.

BALCOMBE YELLOW—Clear light yellow, large attractive deep flowers of reflexed form. September.

BARBARA COUPER—A massive slightly incurving exhibition flower of rich yellow. Sept. and Oct.

BILL GILLIBRAND—Large sized flowers of rich yellow, reflexing in form, long stems. A.M., J.E.F.C. 4 ft. September.

BILL RILEY—A very large amber bronze of great depth and grand shape, the long broad petals incurving and interlacing in charming fashion. September. 3 ft.

BILL SPEAT—Large flowers, reddish orange in color; large spiky petalled bloom, an ideal exhibition flower. September.

BRENDA TALBOT—A true crimson carnation pink. Very shapely reflexed bloom. September.

BRIGHTON YELLOW—An excellent large deep flower of buttercup yellow, reflexing in form. 3 ft. F.C.C., N.C.S. September.

BRONZE McCLEOD—A very fine large bronze incurving flower.

BRUMAS—Medium sized flower; very wide pure white incurving petals. 3 ft. September.

CAREFREE—Chestnut bronze, well formed large reflexing flowers of large size. September.

CHAMPION—Clear yellow, large full bloom reflexing in form.

COVENT GARDEN—A medium flowered rich amber with very solid reflexed blooms. 3 ft. F.C.C. Wisley and N.C.S. trials 1954. September.

DAYDREAM—Beautiful shade of pale salmon, slightly reflexing bloom of good size. September. F.C.C., N.C.S.

DERBY CREAM—A delightful cream reflex with dimpled petals. August-September.

DEREK ELLIS—Large incurving flowers of rich purple with silver reverse. 3 ft. A.M., N.C.S.

DEVONIAN—A rich crimson with gold reverse, attractive rolled petals. A.M. September.

DIAMOND—A very pleasing bright crimson, evenly laid petals making a neat flower of reflexing form. 3 ft. September.

DOROTHY WEARING—Rose-pink with gold center; a fine large reflexing bloom. A.M., N.C.S. September.

DUSKY QUEEN—Very dark large crimson flowers of reflexing shape with good depth. September.

EAMONN ANDREWS—Orange amber with a yellow reverse to the petals which are broad and strong. 3 ft. A.M. September.

ELECTRON—Large orange reflexing flower of light and pleasing appearance. October.

EMPIRE WHITE—A very beautiful large first class white, incurved. 3 ft. September.

FLAVIUS—Buff-yellow, large reflex. A.M., R.H.S. September.

FILM STAR—An attractive clear pink, making a very pretty medium reflexed flower. A.M., J.E.F.C.

FLORENCE HORWOOD—Bright rose-pink with a paler reverse and golden center. Medium sized reflex. 3 ft. September.

FONDANT—Incurving bloom of medium size. Blend of rose and gold. Sept.

FRANK ALLERTON—One of the largest yellow earlies. A huge flower with wide reflexed petals. Strong and healthy growth. \$.75.

FRED YULE—Large sized bloom of rich orange-amber. 4 ft. Blooms Sept. on A.M., J.E.F.C.

GOLDEN AGE—Large reflexing blooms of clear yellow. 3 ft. September. A.M., J.E.F.C.

GOLDEN MAID—A beautiful shining orange-amber. Slightly rolled petals making a lovely flower. 3 ft. A.M., N.C.S. September.

GOLDEN SCEPTRE—A rich golden-yellow incurved flower of good size and shape. Flowers from mid-August on. A.M., N.C.S.

HAROLD PARK—Deep buttercup-yellow; large incurving flower. A.M. Sept.

HOPE VALLEY—Large lilac-pink reflexing flower of quality. 3 ft. Sept.

HURRICANE—Crimson flowers of medium size, reflexing in shape. Sept.

IAN TANDY—A large amber-bronze reflexed flower. 3 ft. September.

JEAN AUSTIN—Very solid creamy white of semi-incurving type. 3 ft. October flowering.

JOHN COOPER—Very large flower of rich bronze, reflexing in form. 3 ft. September.

JOHN WOOLMAN—Large perfectly shaped flower of silvery lilac. Incurve. A.M. September.

JOYCE GREEN—A pleasing golden amber, broad petals making a large solid flower of attractive appearance, reflexing in form. 3 ft. September.

MAESTRO—A magnificent white ball shaped flower of large size, blooming in October A.M., N.C.S.

MAREHAY SILVERTOP—One of the largest outdoor incurves; deep mauve with silver reverse. 3 ft. September.

MIGOLI—Incurving flower of butter-cup yellow. Good solid bloom. September.

MINERVA—Pretty lilac pink, large reflexing broad shouldered bloom made up of numerous rolled petals. A.M., R.H.S. October.

MONTY STATHER—A large well-shaped reflexed flower. Color bronze. A seedling from Fred Yule. Dwarf. A.M. September.

- OLYMPIC**—A beautiful old gold incurving variety. Very large solid flower. A.M. 3 ft. September.
- PAMELA JAMES**—A lovely shade of warm salmon-pink. Large full reflexing blooms. 3 ft. A.M., J.E.F.C. September.
- PEACH BLOSSOM**—Large reflexing bloom of pink shaded creamy peach.
- PERFECTION**—A lovely cream colored large reflexing bloom. F.C.C. Oct.
- PRIMROSE BARBARA**—Color primrose yellow of large size. Reflex on outside and incurved toward center. September.
- PRISCILLA WARD**—A beautiful incurving clear pink of large size. Dwarf habit. A.M. October.
- RADAR**—Golden bronze, large reflex. A.M. September.
- RON RICHFORD**—Intense orange, a very large bloom of loosely incurving formation; hard petals. October.
- RONALD**—Attractive shade of rich plum-crimson, reflexing in form. A.M., R.H.S. and N.C.S. 3 ft. September.
- ROSEVERN**—A deep rose in color. Large reflexing bloom. A.M., J.E.F.C. Sept.
- ROYAL BRONZE**—Reflexed bloom of orange-scarlet. F.C.C. September.
- ROYAL FLAME**—Red with golden reverse. Large well formed reflexed flowers. A.M., R.H.S. September.
- RUTH ABEL**—Enormous solid blooms up to 8 inches across and of great depth. Color best described as flesh pink. 4 ft. September.
- SHIRLEY CREAM**—Large incurving flower of soft yellow. September.
- SHIRLEY STAR**—A nice large crimson reflexing flower. 3 ft. September.
- SHIRLEY VELVET**—A deep crimson of large size. Reflexed. 4 ft. September.
- SHIRLEY WONDER**—Color amber-bronze, long broad petals building up a huge reflexed flower. 3 ft. A.M. September.
- SKYLON**—Light golden yellow; large flowers of incurved form. Strong robust grower and not too tall. September.
- SPARTAN**—Very brilliant red with a high center of clear gold.
- SUPERLATIVE**—A huge incurved white of perfect shape; flowers are full, solid and of firm texture. October.
- SYLVIA RILEY**—A beautiful shade of medium pink deeply reflexing in form. 3 ft. A.M. August-September.
- THOMAS JOHNSON**—Bright mauve pink; petals incurve a trifle and reflex nicely at the extremities of the bloom building up a large flower. 3 ft. A.M., J.E.F.C. September.
- TIBER**—Large reflexed flower of warm orange-bronze. Rolled petals.
- TIBSHELF IDEAL**—An early flowering variety; bright golden orange. 3 ft. A.M., J.E.F.C. August.
- VALETTA**—Bright-red, a striking color. Reflexed rolled petals. 3 ft. A.M., J.E.F.C. September.
- VANESSA**—Large lilac-pink of nice reflex shape and very full. Splendid dwarf grower. October.
- VERA LYNN**—A true incurve of pure white, solid petals making a neat large flower on stiff stems. A valuable acquisition. A.M. September. \$.75.
- WHITE EAGLE**—Large shaggy cactus-like petals, cream lavender tints. 3 ft. September.
- WHITE WINGS**—Large flowers with broad florets reflexing in form. Early. September.
- WM. GREENYER**—A delightful pink, long stiff petals making large flowers reflexing in form. 3 ft. A.M., N.C.S. October.

YELLOW BARBARA—A deep yellow sport from Primrose Barbara. Quite distinct and very attractive. A.M., N.C.S. September.

YELLOW SHIRLEY CREAM—One of the finest incurves of rich yellow. A strong easy grower. September.

YELLOW WINGS—A clear yellow sport from White Wings. Large and deep flowers. 3 ft. A.M. September.

ZENITH—Rich purple-maroon, reflex blooms 6 inches across. Sept.

AMERICAN GARDEN VARIETIES

These early flowering varieties are especially recommended for early bloom in the garden and produce nice flowers for cutting without any disbudding.

35c Each—6 for \$1.75, all one variety or assorted

Except where otherwise priced

APACHE (Kraus)—Firecracker-red with golden overcast. Vigorous growth, large flower. Height 30 inches. Early Sept.

AVALANCHE—Finest of weather resistant whites. Clean, well branching sprays of double flowers of good size. Sept. 15th.

AZTEC GOLD (Kraus)—Compact, slightly domed, firm, clear yellow bloom. Strong, upright growth about 16 inches high and blooming about Sept. 15th.

BALLERINA (Kraus)—Bushy plant heavily covered with 2 inch blooms of orchid-rose. Very showy. Late Sept.

BOKHARA—Shades of rose, carmine and rich crimson. Strong, well branched sprays of double flowers. Oct. 10th.

BRONZE FAIRY—Bronze sport from Fuchsia Fairy.

BUTTERSCOTCH (Kraus)—Deep golden-amber to amber-yellow, incurved to reflex. Late August, long blooming. Height 24 inches. Disbud or spray. \$.60.

CARMINE QUEEN—Large carmine-red blooms; excellent for cutting. Tall growth. Early Oct.

CARNIVAL—Bronze red and golden bronze mixed together in a bloom. Strong stems carry good size flowers. Oct. 10th.

CHARLES NYE—Fully-doubled, cluster-flowered pure golden yellow flower on long, sturdy stems. Oct. 1st.

CHESTNUT (Kraus)—Reddish chestnut bronze, small fully double blooms, and a good fall color. Stands frost well. 2 ft. Sept.

CORLIE SCHMIDT (Kraus)—Large cream-rose buds opening to pink, then blending into yellow and cream, broad reflexed petals. Large flowers, blooming August. Height 18 inches.

CROWN JEWEL (Kraus)—A three inch currant-red flower with a brilliant sheen, which slowly shades to old-rose. Strong, sturdy, free blooming plant. Height 30 inches. Late Sept.

DAWN ROSE (Kraus)—A beautiful double flower of pink with a tinge of gold on plant about 2 ft. tall. Early Oct.

DIVINITY (Kraus)—Pure white quilled petals, long cutting stems, long lasting, weather resistant. September. 2 ft.

DRIFTED SNOW (Kraus)—A mound of large, fully double, snow-white flowers shaded cream at center. Height about 16 inches and blooming mid-Sept.

FASHION—A new pink semi-double decorative variety of two toned salmon and rosewood pink. Oct. 15th.

FLAXEN BEAUTY—Cactus-like blooms of peach shading to yellow with gold center. Full-centered, large bloom. Very good. Height about 30 inches. Late Sept.

FUCHSIA FAIRY—One of the cutest mums. Nicely shaped bushy plants 10 to 12 inches high and covered with one inch flowers of sparkling fuchsia.

GARLAND POWELL (Kraus)—Large rich shining yellow incurved on stiff stems, long lasting, weather resistant. Sept.

GLADNESS (Kraus)—Fully double clear China-rose. Winter hardy and one of the first to bloom. Height 18 inches. Late Aug.

GOLDHEART (Kraus)—Large primrose yellow, gold center. Nice low growing bushy plant. Late Aug.-early Sept. \$.50.

GRACE BRADSHAW (Kraus)—Large fully double white incurve, opening with slightly greenish swirled center. Full, deep, disbud for larger size. 18 inches. September. \$.60.

HAZELWOOD (Kraus)—Double two inch flowers of red shading to dusty rose. Bushy two foot plants blooming early Oct.

HEARTSTRINGS—Three inch flowers of a delicate red with silvery overcast. Another very lovely and unusual shade. Very floriferous. Height 22 inches. Sept. 15th.

HELEN BOGUE (Kraus)—Large swirled centered reflex flower of magenta rose to purple tone, silver reverse; 4-5 inches across, larger if disbudded. Lovely for cutting. Height 18-20 inches. September \$.60.

HOLIDAY (Kraus)—Strong plant supporting an abundance of bronze-gold flowers with bronze centers. Large flower, excellent when cut. Height 24 inches, blooming Oct. 1st.

LEE POWELL (Kraus)—Large flowers of soft Chinese-yellow, orange-yellow at center. A favorite here. Height 30 inches. Late Sept.

MOHAVE GOLD (Kraus)—Reddish buds opening to shining golden bronze, reflex flowers 4-5 inches across. Excellent, long blooming, frost resistant. Late Aug. \$.50.

MT. HOOD (Kraus)—Center greenish-cream-primrose opening to large white incurve. Double 3-4 inch flowers, fine growth habit. 18 inches. August. \$.60.

PATHFINDER—Yellow carnation flowered like Raggedy Ann. Sept. \$.50.

PINK SPINNER—Quill-like orchid-pink, a flower that looks like a star. Double. Height 24 inches. Late Sept.

RAGGEDY ANN—Plants form mounds about 2 feet high completely covered with beautiful pure white carnation-flowered blooms. Very effective for garden use or cutting. Oct. 1st.

RED GLOW (Kraus)—Dark glowing red 2 inch blooms in abundance on strong, vigorous plants about 30 inches tall, blooming early Oct.

REMEMBRANCE (Kraus)—A deep ruby-carmine color that is retained for the life of the flower. One of the very best reds. Frost hardy. Height 24 inches. Late Sept.

REVERENCE (Kraus)—Primrose yellow, darker at center. Extremely large flowers on long stems. August.

ROSE DUST (Kraus)—Large flat double flowers of dark rose red which is brightened by soft maize yellow reverse. Very free-flowering. Height 24 inches. Late Sept.

ROSETONE (Kraus)—Lavender-rose, incurved to reflex, large flowers. Long lasting weather resistant. Fine for cutting. 2 ft. September.

ROYAL RUBY (Kraus)—Double crimson with bright ruby reflections; fadeless weather resistant. Height 24 inches. Early Oct.

RUBY BREITHAUPT (Kraus)—Large primrose yellow bud opening into primrose bloom, finally toning into cream. Petals over-lapping and reflexed. Flowers 5-6 inches across, larger if disbudded. Height 18 inches, excellent growth habit, beautiful for cut flowers. Early September. \$.60.

RUTH SCOTT (Kraus)—Large orange bronze flowers; incurved center, outer petals reflexing, 4-5 inches across. Good substance, fine in landscape planting. Good cut in sprays, or nice to disbud. Height 15-18 inches. September. \$.60.

SHOOTING STAR (Kraus)—Bright orchid-pink quill shading to mallow purple with maize tips. Height 28 inches. Sept. 15th.

SILETZ (Kraus)—Golden buds opening to bright yellow quilled petals, long blooming, rain resistant. Excellent pot plant. September. \$.50.

WHITE RICE (Kraus)—Pure white; one of the best in the garden. Very sturdy two foot bush covered with fully-double 2 inch blooms. Late Sept.

WHITE WONDER—This requires early staking but will reward you with masses of globular blooms. Excellent for cutting. Late Sept.

POMPONS TO BE GROWN IN SPRAYS

35c each—6 for \$1.75, all one variety or assorted

ALGIERS—Bright apricot bronze, decorative bloom of good size blooming about Oct. 25th.

ANNETTE—Charming pink button, blooming early Nov.

ANN FULTON—Beautiful pink with a deep rose center. Nov. 1st.

BABY—Clear yellow tiny button. A gem. Nov. 5th.

BOBETTE—Small button type of light and dark pink with dark center similar to Highlight. Short grower. Early Nov.

BRONZE BABY—Sport from Baby.

CLARA JAMESON—Heavy producer of attractive bronze. Button type. Oct. 25th.

CLARE—Small button type in white. Nov. 1st.

DAINTY MAID—Small button type of delicate pink. Short grower blooming about Nov. 5th.

ENTERPRISE—A nice strong grower with blooms of rose-purple. 3 feet tall and blooming about Oct. 10th.

ETHEL—A rich red button pom. Dwarf habit. Nov. 5th.

FORTY-NINER—Clear golden yellow, ball shape. Nov. 10th. This American variety received A.M. in England, 1956.

GOLD COAST—Deep lemon yellow. Oct. 25th.

GOLDEN SPRAY—Very beautiful sprays of golden-yellow blooms. Excellent for cutting. About 30 inches tall. Oct. 10th.

HIGHLIGHT—Pleasing combination of light and dark pink which shades to almost red in center. Nov. 5th.

ILLINI GEM—Lovely lemon yellow of small size. Nov. 1st.

ILLINI REDHEAD—Beautiful red button pom. Nov. 15th.

ILLINI SNOWFLAKE—A clear white pom two inches in diameter of perfect form. Nov. 5th.

ILLINI VELVET—Bright deep purple, medium size flower. Nov. 5th.

ILLINI WARRIOR—A lovely apricot bronze of button type. Nov. 25th.

JOAN WELLS—Apricot with dark center like the Dots.

LEGAL TENDER—Decorative type medium size pom of gold and red, changing to reddish bronze. Nov. 15th.

- MISSION**—Soft pink with deep rose center. Nov. 5th.
- NANCY CRAIN**—Perfectly formed white button, diffused slightly with an orchid shade intensifying to a pronounced eye. Nov. 5th.
- NUGGETS**—Rich golden button pom. Nov. 1st.
- PINK DOT**—Clear pink with dark center. Nov. 1st.
- PINK SPRITE**—Good clear deep pink in well rounded form. Nov. 5th.
- PINOCCHIO**—Small white button. Tall grower. Oct. 25th.
- PIXIE**—Large size button in bright clear yellow. Nov. 1st.
- PRINCETON**—Fine orange-yellow decorative type of medium size. Nov. 15th.
- ROBIN HOOD**—Deep blood red button type flower about one inch in diameter. Nov. 1st.
- SPARKLER**—Bright golden bronze. Oct. 20th.
- SUZANNE**—Pleasingly different "Calico" mixture of deep rose and light pink. Nov. 5th.
- THE BISHOP**—A distinct and quite unusual color. The neat, ball-shaped flowers are rich purple with soft rosy glow. Nice, strong, upright stems. Oct. 15th.
- TROPHY**—Bright yellow, spray pom for mid-November.
- YELLOW DOT**—Beautiful yellow with dark center. Nov. 1st.

CASCADE VARIETIES

35 Cents Each

- ANNA**—White daisy type flower with yellow center. Blooms about 2 inches across.
- BETTINA**—Dark pink single. Very attractive and popular.
- CATHY SUE**—Anemone type flower of pink and bronze. Very lovely.
- HALLOWEEN**—An anemone flower; bronze ray petals and deeper bronze cushion.
- JANE HARTE**—Yellow sport of "Anna."
- SIDNEY PATRICK**—Crimson daisy type flower.
- SUSIE IRENE**—Lovely small anemone type flower in clear yellow.
- VIOLET RAY**—Dark lavender anemone with slightly lighter, high, well rounded cushion.

EARLY BLOOMING GARDEN SPOONS

35 Cents Each

Do not disbud these varieties. Grown in bush form they will reward you with a wealth of lovely blooms.

- GOLDEN SPOON**—Bright buttercup yellow. Oct. 15th.
- JASPER**—Soft yellow with jasper-red tips; very attractive. Oct. 15th.
- ORCHID SPOON**—Slender pink petals of orchid-pink. Oct. 15th.
- PUMPKIN SPOON**—Persimmon orange to stafford yellow.
- RUBY SPOON**—Large bold, firm, spoon-type flower of bright ruby-red. Height 24 inches. Late Sept.

SNOWSPOON (Kraus)—Large shasta daisy-like duplex; pure white with golden center. The bowls of the spoons are long, strap shaped, pure white. Extremely free-flowering. Height 20 inches. Mid-Sept.

WHITE SPOON—A double row of quilted petals. Very full. Oct. 10th.

YELLOW SPOON—Buttercup yellow in double rows. Well branched sprays. Oct. 5th.

THE NEW CHRYSANTHEMUM from ENGLAND

A completely new type of chrysanthemum on which flowers can be obtained at any time of the year. Height about 16 inches, flowers up to 4 inches across of good quality. No stopping or disbudding necessary. Fresh basal shoots will produce subsequent flowers during the season. They may be potted or planted out in May for bedding purposes. Culture and treatment as with ordinary outdoor chrysanthemums. Very valuable for house and garden decoration.

50c each

WOOLMAN'S PERPETUAL WHITE

WOOLMAN'S PERPETUAL YELLOW (LORD NELSON)

EARLY BLOOMING POMPON VARIETIES

This class is especially trouble free and valuable for bedding purposes. With little attention they will give a mass of flowers for a long season in the early fall. No staking required.

35c each—6 for \$1.75, all one variety or assorted

BABS—Rich pink shading to creamy gold in the center. Very free bloomer of dwarf habit, stiff stems and small foliage.

BOB—Free blooming button of bright red.

BRIGHT EYE—A very attractive small pom; yellow with an orange-red center. Stiff stems and sturdy plant growing about 24 inches. Late Sept.

CREAM BOUQUET—A neat rounded bloom on long stems. Dwarf.

CUTIE—Tiny button pom of cherry red.

DENISE—A mass of golden yellow flowers; similar to Jante Wells but dwarfer. 20 inches. Early Oct.

GOLD COIN—Well rounded blooms less than an inch across of golden yellow. Very free flowering. 24 inches. Early Oct.

GOLDEN BOUQUET—Deep golden yellow rounded blooms about an inch across; free bloomer of perfect habit. 24 inches. Early Oct.

GREGG ALDON—Low-growing solid pom, plum colored bud opening to rose and finally cream center with age. Good border. \$.60.

ISOBEL—Button type flower with tightly cupped petals of pink. Oct. 25th.

JANTE WELLS—Golden flowers in great profusion. Stiff, sturdy plant about 24 inches tall and blooming early Oct.

JEWELL—Larger size button type in deep pink. Oct. 15th.

JILL—Unusual color, creamy-apricot. The rounded blooms are like a pompon dahlia. 28 inches tall. Early Oct.

KITTEN—Shining orange-bronze small pom.

LITTLE BOB—A charming low-growing mound about 24 inches across and covered with small, mahogany-bronze button-like flowers on short wiry stems. Height about 2 ft. Early Oct.

LITTLE DORRIT—A beautiful deep shell pink well rounded bloom. The flowers are nicely placed on thin wiry stems which stand up well without support. 24 inches. Early Oct.

MASQUERADE—Mass of silvery lavender-rose pompons which completely cover the bushy plant. Stiff, sturdy stems which require no support. 2 ft. high. Early Oct.

MIGUEL—Radiant raspberry rose.

MOSQUITO—A perfect little yellow pompon. Plants grow about 18 inches high and stand up under adverse weather conditions. Late Sept.

NANCY SCOTT—Reddish bronze bud, center opening to burnt orange and aging to straw yellow. Low growing; good for borders. \$.60.

PEGGOTY—Bright rosy salmon; a distinct and very pleasing variety.

PLENTY—Pink, free flowering. A mass of neat flowers.

POMPONETTE—Excellent orange-yellow.

RED ROVER—Bright red, very showy.

TOMMY TROUT—Excellent variety for the border or bedding. The small flowers are amber colored shaded to bronze in the center. Plant has good habit and is very free-flowering. Height 18 inches. Late Sept.

WHITE MASQUERADE—Glistening white buttons, firm flowers; makes perfect mound.

LARGE POMPONS SUITABLE FOR DISBUDDING

Disbud these and you will have flowers 2 to 3 inches across.

35c each—6 for \$1.75, all one variety or assorted

ANGELO—A beautiful large soft pink decorative pompon. Should be disbudded to bring out its best form and color. About 30 inches tall, blooming Oct. 10th.

BLUEBLOOD—Flowers of deep amaranth-red. Plants grow about 3 feet tall. May be disbudded. Early Oct.

BRONZE DOTY—Lovely bronze of the well known Doty family. Oct. 25th.

BRONZE MASTERPIECE—Variable shades of deep and golden bronze. Sport of Masterpiece. Oct. 25th.

CATTLEYA—Clearest orchid pink, good size decorative flowers. Nov. 15th.

CHICAGO PEARL—Ball shaped flower, creamy white of fine substance. Nov. 10th.

CORAL FROST—Blend of bronze, coral, and pink. Decorative pom. Oct. 20th.

GOLDEN HERALD—Rich golden yellow, large flowers even without disbudding. Nov. 5th.

GRANITE STATE—Very attractive low growing variety in pure white. Large round flowers when disbudded. Oct. 15th.

ILLINI SKIPPER—Bright golden bronze of good size. Nov. 15th.

KLONDIKE—An orange yellow large pom. Best described as an intense orange-yellow Masterpiece. Nov. 15th.

LILLIAN DOTY—Beautiful shade of shell-pink. Large flowers, fully incurved. Oct. 25th.

MAID OF ORLEANS—White decorative. Nov. 1st.

MASTERPIECE—Soft lilac-pink bloom. Perfect cupped petals quite compact. Best when disbudded. Oct. 25th.

PINK DREAM—Lovely pure pink of large size. Nov. 1st.

QUEEN OF PINKS—Lovely shade of deep pink. Produces flowers 3 to 4 inches across when disbudded. Short grower. Oct. 20th.

ROMOLA—Perfect formed large pom of soft pink. Excellent substance, strong stem. Oct. 25th.

ROSE CHARM—Lavender-pink small tubulated petals, spoon tips forming a perfect ball. Oct. 25th.

THYRA—Deep lavender. Compact petals with the appearance of a pompon Dahlia when disbudded. Nov. 1st.

WHITE DOTY—Large globular flower in creamy white. Oct. 25th.

YELLOW DOTY—Light yellow globular flower. Oct. 25th.

YELLOW ORLEANS—Yellow sport from Maid of Orleans.

ODD VARIETIES AND INTERESTING FORMS

35c each—6 for \$1.75, all one variety or assorted

ATOMIC—Something entirely different in chrysanthemums. Heavy old gold quilled petals, terminating in a brilliant scarlet spoon. Builds up a huge flower. Strong grower. Has been a sensation wherever shown. In great demand. Nov. 1st.

ENSENADA—Brilliant Indian red with yellowish tint on reverse side. Resembles a double dahlia when disbudded. Nov. 1st.

ILLINI SNOWDRIFT—Feathery in form with serrated petals. Very lovely in sprays for cutting. Nov. 10th.

LOUIS FRIED—The silvery gray quilled petals open into rich amaranth red which radiate from a central disc of yellow. Nov. 10th.

MIGNONETTE—Bright yellow spray flowers with fine wavy thread-like petals. Has the appearance of a thistle bloom. Oct. 25th.

PINK EXQUISITE—Most exquisite shade of pink. Reflexed petals radiate from a center swirl. Best to disbud this variety with several stems to a plant. Nov. 1st.

PURPLE FROST—Feathery type in purple tipped with silver at edges. Full centered and very attractive. Nov. 25th.

YELLOW TAGGART—One of the very old varieties. Incurving petals covered with hairy spines. Nov. 1st.

SPOON CHRYSANTHEMUMS

These varieties may be disbudded for larger flowers.

35c each—6 for \$1.75, all one variety or assorted

JOAN BERGER—Beautiful orchid-pink throughout. Very vigorous grower. Nov. 5th.

LAURINDA EARLY—Semi-double pure white. This variety makes an ideal pot specimen, carrying several good size flowers when disbudded. Nov. 1st.

MRS. ALLAN MORPHY—Semi-double soft shell-pink flowers of large size. Oct. 25th.

PAULA—A spectacular spoon variety. Quilled part is buff yellow and the broad spoon opens to bright crimson. Oct. 25th.

PAULINE—Soft yellow throughout. Oct. 25th.

SCINTILLATION—Orchid-pink. Inner rows of petals cup slightly. Oct. 20th.

WILMA LEE—Spoon tip cardinal red on rolled silver petals. Very attractive. Late October.

SPIDER, QUILL and THREADLIKE VARIETIES

35c each—6 for \$1.75, all one variety or assorted

AMBER RAYONANTE—Golden-amber sport from Bronze Rayonante. Oct. 20th.

ANNE—Pure white spider of the large tubular class. Oct. 20th.

AUTUMN PARADE—A most fascinating form of flower, composed of two distinct forms of petals, the outer ones long and thread-like, while the center ones are spoon type. Color bronze.

BRONZE RAYONANTE—Quilled petals of light bronze. Oct. 25th.

BUNBU—Large tubulated petals of orchid pink. Nov. 1st.

CANDY BRONZE—Bright golden tubulated petals, Indian red in tip petal opening. Late October.

CAPISTRANO—Burgundy purple; medium size petals open at tips to a deeper shade.

CELESTIAL BEAUTY—Quilled petals of amaranth with spoon tips opening to dubonnet. Nov. 15th.

CENTENNIAL—Full centered flower of golden bronze. Slender petals, fish-hook tips. Nov. 1st.

CHERIE—Beautiful orchid pink with slender petals hooked at tip. Nov. 5th.

COPPER ROCKET—Coppery bronze quilled, cord-like petals expand outward into a graceful formation. Good substance. Nov. 5th.

CRIMSONETTE—Full centered bloom. The tubular petals are rose-bronze opening to crimson. A very effective and beautiful bloom. Nov. 5.

EMERALD ISLE—Slender, long thread-like petals of uranium green shading out to creamy white tips. Excellent keeper. Nov. 1st.

GEORGINA HEDINGER—Full centered pure pink, slender tubes, fishhook tips. Graceful and distinctive. Oct. 20th.

ITO PINK—Full centered flower with long quilled petals of pure pink. Very popular and a good keeper. Nov. 1st.

LADY BIRD—Probably this is the most thread-like petalled spider in existence. Medium orchid pink.

LAVENDER DREAM—Beautiful full centered clear lavender-pink of large size. Late Oct.

LIMELIGHT—Lime-yellow with a chartreuse overcast. Full, large bloom. Late October.

LORRAINE—Large lemon yellow. Quilled petals, open spoon tips curling inward. Nov. 1st.

LYRIC—Deep orchid pink quilled petals. Nov. 1st.

MAMORU—Dark orange shading into bronze at center. Nov. 1st.

MARIA—The quilled petals of this graceful flower are creamy white with chartreuse tips.

MARSHA—Very large white. Graceful fishhook tips, and a very sturdy grower. Nov. 5th.

MELODY—Large size bloom of clear yellow.

MRS. STANLEY WALLACE—Bold type quilled petals of coppery orange. Very beautiful flower of solid substance. Oct. 25th.

NIGHTINGALE—The most popular of the greens. Disbudded this will give several large blooms per plant of lovely chartreuse. As with all the greens, should be protected from strong sunlight after the buds show color. Nov. 1st.

OHKWAN—Full centered yellow, slender quilled petals. Fishhook tips are well curled.

OJAI—Large duo-toned orange and bronze thread-like petals falling from a full center. Nov. 1st.

OLGA BURDICK—Beautiful full centered spider type. Its medium size tubular petals drop gracefully down. Color salmon-rose overlaid buff.

ORIENTAL KNIGHT—Deep garnet red quilled type flower of easy culture.

PATRICIA GRACE—Long cord-like petals. Delicate rose-pink. Very large bloom. Oct. 15th.

PAUL MILLER—Beautiful buff bronze with very full center of darker shade. Fishhook tips of bright red. Nov. 1st.

PINK FANTASY—Beautiful light pink. Quilled petals with fishhook tips radiate from central disc of yellow. Oct. 25th.

PUNCH BOWL—Rich burgundy red with slender quilled petals. Full center. Tips hooked and tightly curled. Nov. 1st.

PURE GOLD—Old gold color in the center shading off to chrome yellow at the ends of the petals. The tiny open spoon tips show a bit of red.

QUEEN OF HEARTS—Pale pink spider like Georgina Hedinger but with larger petals and fishhook tips. Late Oct.

ROSALIE—Large, full centered bloom of shades of pink and rose. Nov. 1st.

RUBY—Raspberry red; large tubular petals. Early Nov.

SAN GABRIEL—Splendid full centered flower in deep yellow. Medium quilled petals, tips hooked and tightly curled. Oct. 20th.

SARAH MORASCH—Slender tubulated petals of rose-pink. Nov. 1st.

SERENE—Coppery bronze quilled petals with red in the hooked tips.

SILVER LACE—Petals are lacy and long. Large pure white bloom of good substance. Nov. 1st.

SONDRA GAIL—Blend of buff, bronze and coral shades; in final stage color turns to soft salmon bronze. Late October.

SUNNYSLOPE SPLENDOR—Full centered white with a light overcast of green. Oct. 20th.

WAIKIKI—Full centered orange and bronze, golden tips curling upward. Strong tall grower. Nov. 1st.

WALTZTIME—Orchid-pink to delicate lavender pink at center. Large flower. October 25th.

WHITE RAYONANTE—Cord-like quilled petals of pure white. Full centered bloom of good substance. Oct. 25th.

YELLOW KNIGHT—Clear yellow, full centered. Large flower. Late October.

YELLOW RAYONANTE—Same as above except for color.

ZELMA—Deep amanth rose; full center. Early November.

LARGE FLOWERING SINGLE VARIETIES

These May Be Disbudded; 6 or More Flowers To a Plant For Best,
More Refined Blooms.

35c each—6 for \$1.75, all one variety or assorted

Except where otherwise priced

ALBERT COOPER—Large lemon yellow with green center; wide pointed petals. An outstanding bloom. Late Oct.

AUDAX—Large pink with broad stiff petals; semi-double bloom. F.C.C., N.C.S.

BETTY WOOLMAN—Exhibition single of a lovely shining gold color. Beautiful petals evenly laid around a medium disc. F.C.C., N.C.S.

BROADACRE—Thick white leathery petals, disc greenish yellow. The finest white single. F.C.C., N.C.S. Nov. 1st.

BRONZE BETTY WOOLMAN—A pleasing sport which will be as popular as its parent. A.M. Late Oct. \$.50.

DESERT SONG—One of the finest singles, fawn terra-cotta with gold tips. F.C.C., N.C.S.

ESTHER—Purest white, petals of hard constitution; large exhibition flowers. A.M., N.C.S.

GRETCHEN PIPER—Brilliant yellow with double row of ray petals. Blooms about four inches across when disbudded. Oct. 15th.

KAREN—Light orange-bronze; a good solid flower. A.M., N.C.S.

LILLIAN JACKSON—Rose colored petals enhanced by white base. A.M. late Oct. \$.50.

LISA—A very pretty peach pink. Fine for exhibition. A.M., N.C.S. Nov. 5th.

MARGARET LEMON—Large clear yellow, stiff lasting petals. F.C.C., N.C.S.

MARY SIDDON—Large crimson flowers composed of several rows of petals; medium yellow discs. A.M., N.C.S.

MELBA—Orange-bronze semi-double of almost feathery shaped petals. Nov. 5th.

MRS. JAMES KELLY—Large blush white. Semi-double. Nov. 1st.

PETER ROBINSON—One of the largest exhibition singles. A very pleasing yellow. F.C.C., N.C.S. Oct. 25th.

ROB ROY—Crimson with yellow ring.

RUBENS—Deep rosy purple, rather narrow florets surrounding a deep yellow disc. A.M., N.C.S.

SHIRLEY GOLD—Large flower of deep yellow; strong grower and one of the finest singles. A.M., N.C.S.

SUSAN—Rosy bronze on yellow, overlaid apricot.

WOOLMAN'S GLORY—One of the best singles we have had for some time. Like a terra-cotta bronze Desert Song, has the same refined flower. Easier in habit and has a small neat disc. A.M.

YELLOW BROADACRE—An attractive bright yellow sport from the well-known White. The habit is the same as the parent. Late Oct. \$.75.

YELLOW CLEONE—Very large flower of primrose yellow. F.C.C., N.C.S.

ANEMONE VARIETIES

35c each—6 for \$1.75, all one variety or assorted

- ALICE SEARLE**—Deep bronze, fine cushion, large bloom. Nov. 1st.
- BETTY ROSE**—Bright pink ray petals and lighter pink cushions. Oct. 25th.
- BRONZE TUXEDO**—Apricot bronze sport of Tuxedo. Same as parent except for color. Nov. 1st.
- CHINA ROSE**—Large pinkish bronze with round full cushion and double row of ray petals. Nov. 1st.
- CITRUS QUEEN**—Large and beautiful. Yellow throughout with well rounded high cushion. Nov. 5th.
- ELSIE SILVA**—Our introduction. Pure white sport of the popular Mrs. J. S. Roberts. Very large with flat cushion and single row of wide pointed petals. Nov. 1st.
- ESTRELLITA**—Buff-bronze throughout. Large cushion. Nov. 5th.
- F. S. PARKS**—Large flower, both ray petals and cushion are glistening white. Nov. 1st.
- GRACELAND**—Pure white with yellow cushion.
- LADY BOUCHIFUL**—Pinkish purple with yellow cushion.
- MARIETTA**—A delicate pink, with a large salmon yellow cushion.
- MRS. J. S. ROBERTS**—Beautiful combination of mauve and violet. One of the largest anemones grown. This is the original. True anemone. Nov. 1st.
- NEVADA**—Broad ray petals of white, cushion of chartreuse green. Nov. 15th.
- ORCHID BEAUTY**—Medium size orchid-pink with conspicuous cushion of yellow. Nov. 1st.
- RAYMOND MOUNSEY**—Reddish crimson petals, large cushion flecked with bronze.
- SINCERITY**—Short white ray petals with prominent high round cushion of white. Oct. 20th.
- THELMA**—Beautiful large flowered pink.
- THE TITAN**—Scarlet crimson with bronze-red cushion. Nov. 1st.
- TUXEDO**—Exceptionally large, light pink, wide sharply pointed petals radiating from a tufted cushion of quilted florets slightly darker in shade. Nov. 1st.
- VIVACIOUS**—Beautiful lavender throughout. Large cushion, short ray petals. Nov. 1st.
- YELLOW SINCERITY**—Clear yellow sport of Sincerity.
- YELLOW TUXEDO**—Yellow sport of Bronze Tuxedo. The ray petals are quilted and the central disc florets are separated at edges. Nov. 1st.

CUSHION VARIETIES

Recommended for use wherever low, bushy, mass effect of color is desired. Some of these will bloom through the summer after the first year. Mass of color from September till frost. No pinching required.

35c each—6 for \$1.75, all one variety or assorted

- AMELIA**—The original cushion mum. Bright pink double flower, summer blooming.

BRONZE CUSHION—Beautiful coppery bronze, lighter color with age, 18 inches high.

EARLY HARVEST—Fairly large double glowing mahogany-orange, outstanding in its class.

GOLDEN CARPET—A carpet of glowing one inch golden-yellow pompons. Plants grow about one foot in height but spread to two feet or more in width. Sept. 15th.

GOLDEN CUSHION—Golden yellow flecked red. Very attractive, summer blooming.

MAJOR CUSHION—Pink tinted salmon. Very reliable.

POWDERPUFF—Most famous white. Very hardy broad clear white.

PRIMROSE CUSHION—Another to bloom for summer. Soft. primrose yellow.

ROUGE CUSHION—A far superior red semi-cushion. Intense red-cushion flowers show a small bright yellow center when matured. Height 15 inches. Late Sept.

LILLIPUTS

Dwarf growing bushy plants, no topping is ever required. Extremely free flowering. May be grown in the open or in pots; invaluable for beds or borders; flowers are double. Have been awarded Silver Medal by Royal Horticultural Society. Space 2 to 2½ feet apart.

DOC—Rose pink.

DORIS—Lilac blush, very compact.

EMU—Deep pink with purple suffusion.

GERBE ROSE—Lavender-pink.

HONEYBIRD—Orange-yellow.

HORUS—Light pink.

ISIS—Rose-pink.

OSIRIS—Deep rose mauve, very compact.

PHEASANT—Anemone centered flowers of pale strawberry.

THETIS—Bright orange, pale anemone center.

For the chrysanthemum hobbyist we recommend subscribing to
"The Chrysanthemum and Dahlia," published by the Chrysanthemum
Press Ltd., Junction St., Burnley, Lanc., England.

"A thing of beauty is a joy
forever," we are told,
So each well grown Chrysanthemum
is worth its weight in gold!

INDEX

AGNES FORD	11	CASCADE WONDER	5
ALBATROSS	11	CATHY SUE	19
ALBERT COOPER	25	CATTLEA	21
ALFRED SIMPSON	5	CELEBRITY	12
ALFRETON EXQUISITE	13	CELESTIAL BEAUTY	23
ALGIERS	18	CENTENNIAL	23
ALICE BURGESS	9	CHALLENGER	5
ALICE SEARLE	26	CHAMPION	13
AMATEUR J. F. FOURNIER	9	CHARLES GREENYER	12
AMBER BRIGHT	13	CHARLES NYE	16
AMBER RAYONANTE	23	CHERIE	23
AMELIA	26	CHESTNUT	16
AMETHYST	9	CHICAGO PEARL	21
AMI CHARLES SOUCHET	9	CHINA ROSE	26
AMI FERNAND VAISSADE	5	CITRUS QUEEN	26
ANNA	19	CLARA JAMESON	18
ANNE	23	CLARE	18
ANNETTE	18	CONNIE MAYHEW	7
ANN FULTON	18	CONSTANCE BAKER	12
ANGELO	21	COPPER ROCKET	23
ANNIE CURRY	7	CORLIE SCHMIDT	16
ANTON MARMONTELLE	11	CORAL FROST	21
APACHE	16	COSSACK	9
APRICOT ELEGANCE	11	COUNTRY GENTLEMAN	7
ARCHIE WOOLMAN	9	COUNTRY MAIDEN	7
ATLANTA	7	COVENT GARDEN	13
ATOMIC	22	CREAM BOUQUET	20
AUDAX	25	CREAM DUKE	9
AUTUMN PARADE	23	CREAM MONUMENT	7
AVALANCHE	16	CREAM ONDINE	7
AVERIL DOIG	11	CREAM PROGRESS	7
AVONDALE BEAUTY	11	CRESTA	12
AZTEC GOLD	16	CRIMSONETTE	23
BABS	20	CRIMSON LAKE	11
BABY	18	CRIMSON ROBE	12
BALCOMBE BRILLIANCE	13	CROWN JEWEL	16
BALCOMBE PERFECTION	11	CUTIE	20
BALCOMBE YELLOW	13	DAINTY MAID	18
PALLERINA	16	DAWN ROSE	16
BAMBI	5	DAYDREAM	13
BARBARA COUPER	13	DENISE	20
BASILISK	5	DERBY CREAM	13
BEN LEIGHTON	5	DEREK ELLIS	13
BEN TASHIMA	5	DESERT SONG	25
BETTINA	19	DEVONIAN	13
BETTY BARNES	9	DIAMOND	14
BETTY ROSE	26	DIVINITY	16
BETTY WOOLMAN	25	DOC	27
BILL GILLIBRAND	13	DORIS	27
BILL RILEY	13	DOROTHY DEE	5
BILL SPEAT	13	DOROTHY WEARING	14
BIRMINGHAM	9	DORRIE SMITH	9
BLACK HAWK	11	DREAMLAND	5
BLUEBLOOD	21	DR. C. H. LEVICK	9
BLAZING GOLD	12	DR. J. M. INGLIS	9
BOB	20	DRIFTED SNOW	16
BOBETTE	18	DUCHESS OF KENT	9
BOKHARA	16	DUKE OF KENT	9
BRENDA TALBOT	13	DUSKY QUEEN	14
BRIGHT EYE	20	EAMON ANDREWS	14
BRIGHTON YELLOW	13	EARLY HARVEST	27
BROADACRE	25	EDITH WOOLMAN	9
BRONZE BABY	18	EDNA GREEN	9
BRONZE BETTY WOOLMAN	25	ELECTRON	14
BRONZE CUSHION	27	ELEGANCE (Exhibition)	7
BRONZE DOTY	21	ELEGANCE (Commercial)	12
BRONZE FAIRY	16	ELSIE SILVA	26
BRONZE MASTERPIECE	21	EMERALD ISLE	23
BRONZE McLEOD	13	EMPIRE WHITE	14
BRONZE RAYONANTE	23	EMU	27
BRONZE TURNER	5	ENID WOOLMAN	7
BRONZE TUXEDO	26	ENSENADA	22
BRUMAS	13	ENTERPRISE	18
BRYCE CANYON	5	ERIC C. SWIRE	5
BUNBU	23	ESTHER	25
BUTTERSCOTCH	16	ESTRELLITA	26
CANDY BRONZE	23	ETHEL	18
CAPISTRANO	23	EVELYN LAYE	7
CARMINE QUEEN	16	FASHION	16
CARNIVAL	16	FERN EDWARDS	5
CAREFREE	13	FLAXEN BEAUTY	16

INDEX

FLAVIUS	14	JASPER	19
FILM STAR	14	JEAN AUSTIN	14
FLORENCE HORWOOD	14	JEAN RICARDO	6
FONDANT	14	JESSIE HABGOOD	10
FORTYNINER	18	JEWELL	20
FRANK ALLERTON	14	J. H. GODDARD	8
FRANK MARSHALL	9	JILL	20
FRANK PAYNE	9	JOAN BERGER	22
FRANK WOOLMAN	7	JOAN WELLS	18
FRED BAKER	5	JOHN COOPER	14
FRED SHOESMITH	8	JOHN WOOLMAN	14
FRED YULE	14	JOSEPH BRADFORD	6
FRIENDLY RIVAL	12	JOSEPH KEELING	6
F. S. PARKS	26	J. S. DAKERS	10
FUCHSIA FAIRY	17	JOYCE GREEN	14
FUCHSINE	12	JUDITH MOON	6
GAIETY	5	KAREN	25
GARLAND POWELL	17	KEITH LUXFORD	6
GARNET KING	12	KITTEN	20
GEORGE EDWARDS	5	KLONDIKE	21
GEORGINA HEDINGER	22	LADY BIRD	23
GERBE ROSE	27	LADY BOUCHIFUL	26
GLADNESS	17	LADY GOWRIE	6
GLAMOUR	5	LANGUEDOC	10
GOLD COAST	18	LAURINDA EARLY	22
GOLD COIN	20	LAVENDER DREAM	23
GOLDHEART	17	LEGAL TENDER	18
GOLDEN AGE	14	LEE POWELL	17
GOLDEN ARBINI	12	LEVIATHAN	9
GOLDEN BOUQUET	20	LILAC TIME	8
GOLDEN CARPET	27	LILLIAN DOTY	21
GOLDEN CUSHION	27	LILLIAN FOLTZ	6
GOLDEN ELEGANCE	12	LILLIAN JACKSON	25
GOLDEN GUINEA	12	LIMELIGHT	23
GOLDEN HERALD	21	LINELLA	6
GOLDEN MAID	14	LISA	25
GOLDEN MRS. HABGOOD	5	LITTLE BOB	20
GOLDEN SCEPTRE	14	LITTLE DORRIT	21
GOLDEN SPOON	19	LORRAINE	23
GOLDEN SPRAY	18	LOUISA POCKETT	6
GOOD GRACIOUS	5	LOUIS FRIED	22
GOODNESS GRACIOUS	5	LYRIC	23
GORDON HABGOOD	5	MAESTRO	14
GRACE BRADSHAW	17	MAID OF ORLEANS	21
GRACELAND	26	MAJESTIC	10
GRAND PERE FONTANEAU	9	MAJOR CUSHION	27
GRANITE STATE	21	MAMORU	23
GRAPE BOWL	5	MAREHAY SILVERTOP	14
GREGG ALDON	20	MARGARET LEMON	25
GRETCHEN PIPER	25	MARIA	24
GWENDOLYN READMAN	8	MARIE MORIN	11
HALLOWEEN	19	MARIETTA	26
HAROLD ALSTON	12	MARSHA	24
HAROLD PARK	14	MARY PALMOUR	6
HARRY MORRIS	12	MARY SIDDON	25
HAZELWOOD	17	MARY YULE	8
HEARTSTRING	17	MASQUERADE	21
HELEN BOGUE	17	MASTERPIECE	22
HEROS JEAN GUIZONNIER	9	MAURICE JACQUET	8
HIGHLIGHT	18	MAXINE	8
HILDA BIRCH	8	MAYFORD BUFF	8
HOLIDAY	17	MAYFORD CRIMSON	12
HONEYBIRD	27	MAYFORD FLUSH	8
HOPE VALLEY	14	MAYFORD ROSE	12
HORUS	27	MAYFORD SALMON	12
HUGH MITCHELL	10	MECCA	8
HUNTER'S MOON	8	MELBA	25
HURRICANE	14	MELODY	24
IAN TANDY	14	MIGUEL	21
ILLINI GEM	18	MIGOLI	14
ILLINI REDHEAD	18	MIGNONETTE	22
ILLINI SKIPPER	21	MILTON JONES	12
ILLINI SNOWDRIFT	22	MINERVA	14
ILLINI SNOWFLAKE	18	MISS HIROSHIMA	6
ILLINI VELVET	18	MISS FRANCES LOWE	6
ILLINI WARRIOR	18	MISS OSAKA	8
ISIS	27	MISSION	19
ISOBEL	20	MME. GABRIELLE CALAS	6
ITO PINK	23	MOHAVE GOLD	17
JANE HARTE	19	MONTY STATHER	14
JANTE WELLS	20	MONUMENT	8

INDEX

MOSQUITO	21	ROBIN HOOD	19
MRS. ALLAN MORPHY	22	ROB ROY	25
MRS. FRANK HAY	8	ROMOLA	22
MRS. H. HABGOOD	6	RON RICHFORD	15
MRS. H. C. LEGG	8	RONALD	15
MRS. JAMES KELLY	25	ROSALIE	24
MRS. J. S. ROBERTS	26	ROSE BOWL	8
MRS. M. SARGENT	6	ROSE CHARM	22
MRS. STANLEY WALLACE	24	ROSE DUST	17
MT. HOOD	17	ROSETONE	17
MY LADY	11	ROSEVERN	15
NAGIROC	10	ROUGE CUSHION	27
NANCY CRAIN	19	ROYAL BRONZE	15
NANCY SCOTT	21	ROYAL FLAME	15
NEVADA	26	ROYAL OPAL	10
NEVILLE CHAMBERLAIN	10	ROYAL RUBY	17
NIGHTINGALE	24	RUBENS	25
NUGGETS	19	RUBY	24
OHKWAN	24	RUBY BREITHAUP	17
OJAI	24	RUBY SPOON	19
OLGA BURDICK	24	RUTH ABEL	15
OLYMPIC	15	RUTH SCOTT	18
ORCHID BEAUTY	26	SALMON KENT	10
ORCHID SPOON	19	SALMON SUPERB	11
ORIENTAL KNIGHT	24	SAN GABRIEL	24
ORIOLE	6	SANTA ANITA	8
OSIRIS	27	SARAH MORASCH	24
PALE MOON	7	SAY EDGAR	12
PAMELA JAMES	15	SCINTILLATION	23
PATHFINDER	17	SERENE	24
PATRICIA GRACE	24	SHEFFIELD	8
PATRIE	10	SHIRLEY BEAUTY	12
PATSY ROBINSON	6	SHIRLEY BRILLIANT	12
PAULA	23	SHIRLEY CHAMPION	6
PAULINE	23	SHIRLEY CHESTNUT	10
PAUL MILLER	24	SHIRLEY CREAM	15
PEACH BLOSSOM	15	SHIRLEY GARNET	12
PEGGOTY	21	SHIRLEY GOLD	25
PENROD	12	SHIRLEY MASTERPIECE	10
PERFECTION	15	SHIRLEY PERFECTION	10
PETER ROBINSON	25	SHIRLEY PRIMROSE	6
PHEASANT	27	SHIRLEY SUPERB	10
PHILLIP KAY	8	SHIRLEY STAR	15
PINK DOT	19	SHIRLEY TREASURE	10
PINK DREAM	22	SHIRLEY VELVET	15
PINK EXQUISITE	22	SHIRLEY WONDER	15
PINK FANTASY	24	SHOOTING STAR	18
PINK SPINNER	17	SIDNEY PATRICK	19
PINK SPRITE	19	SILETZ	18
PINK SUPERB	12	SILVER LACE	24
PINK TURNER	6	SILVER SHEEN	12
PINOCCHIO	19	SINCERITY	26
PIXIE	19	SIR AUSTIN CHAMBERLAIN	10
PLENTY	21	SIR THOMAS NETTLEFOLD	12
POCKETT'S MAROON	10	SKYLON	15
POMPONETTE	21	SKIDDAW	5
POWDER PUFF	27	SNOWSPOON	20
PRIMROSE BARBARA	15	SONDRA GAIL	24
PRIMROSE CUSHION	27	SOROCO	8
PRINCESS ANNE	11	SOUTHLAND	8
PRINCETON	19	SOUVENIR DE PAUL DEUTCH	5
PRISCILLA LEWIN	7	SPARKLER	19
PRISCILLA WARD	15	SPARTAN	15
PUMPKIN SPOON	19	SUCY	6
PUNCH BOWL	24	SUNNYSLOPE BRONZE	8
PURE GOLD	24	SUNNYSLOPE SPLENDOR	24
PURPLE FROST	22	SUPERLATIVE	15
PURPLE PRINCE	10	SUSAN	25
QUEEN OF HEARTS	24	SUSAN AYLESWORTH	12
QUEEN OF PINKS	22	SUZANNE	19
RADAR	15	SUSIE IRENE	19
RAGGEDY ANN	17	SYBIL MOLYNEAUX	6
RAYMOND MOUNSEY	26	SYLVIA RILEY	15
RED GLOW	17	SYMBOL	13
RED MAJESTIC	10	TEMERAIRE	6
RED ROVER	21	THELMA	26
REG. HARRISON	8	THE BISHOP	19
REMEMBRANCE	17	THE TITAN	26
REV. H. CHAPPEL	10	THETIS	27
REVERENCE	17	THOMAS JOHNSON	15
RISING SUN	11	THOMAS POCKETT	6

INDEX

THYRA	22	WINSTON CHURCHILL	6
TIBER	15	WOOLMAN'S GLORY	25
TIBSHELF IDEAL	15	WOOLMAN'S PERPETUAL WHITE	20
TOMMY TROUT	21	WOOLMAN'S PERPETUAL YELLOW	20
TROPHY	19	WORTHING PERFECTION	13
TURBULENT	10	YELLOW BARBARA	16
TUXEDO	26	YELLOW BROADACRE	25
ULSTER	11	YELLOW CLEONE	25
VALETTA	15	YELLOW CURRY	8
VANESSA	15	YELLOW DOT	19
VERA LYNN	15	YELLOW DOTY	22
VERA WOOLMAN	8	YELLOW KNIGHT	24
VIOLET RAY	19	YELLOW LOVELINESS	13
VIVACIOUS	26	YELLOW MAMMOTH	6
VOLTAIRE	6	YELLOW ORLEANS	22
WAIKIKI	24	YELLOW POCKETT	10
WALTZTIME	24	YELLOW RAYONANTE	24
WHITE DOTY	22	YELLOW SHIRLEY CREAM	16
WHITE EAGLE	15	YELLOW SHIRLEY MASTERPIECE	10
WHITE MASQUERADE	21	YELLOW SINCERITY	26
WHITE RICE	18	YELLOW SPOON	20
WHITE RAYONANTE	24	YELLOW TAGGART	22
WHITE SPOON	20	YELLOW TURNER	6
WHITE WINGS	15	YELLOW TUXEDO	26
WHITE WONDER	18	YELLOW WINGS	16
WILMA LEE	23	ZELMA	24
WM. GREENYER	15	ZENITH	16
WM. TURNER	6		

INDEX

1	WINSTON CHURCHILL
2	WOODMAN'S GLOVE
3	WOODMAN'S PERPETUAL WHITE
4	WOODMAN'S PERPETUAL YELLOW
5	WORKING PERFECTION
6	YELLOW BARBARA
7	YELLOW BRADDOCK
8	YELLOW CLEONE
9	YELLOW CUREY
10	YELLOW DOT
11	YELLOW DOT
12	YELLOW DOT
13	YELLOW DOT
14	YELLOW DOT
15	YELLOW DOT
16	YELLOW DOT
17	YELLOW DOT
18	YELLOW DOT
19	YELLOW DOT
20	YELLOW DOT
21	YELLOW DOT
22	YELLOW DOT
23	YELLOW DOT
24	YELLOW DOT
25	YELLOW DOT
26	YELLOW DOT
27	YELLOW DOT
28	YELLOW DOT
29	YELLOW DOT
30	YELLOW DOT
31	YELLOW DOT
32	YELLOW DOT
33	YELLOW DOT
34	YELLOW DOT
35	YELLOW DOT
36	YELLOW DOT
37	YELLOW DOT
38	YELLOW DOT
39	YELLOW DOT
40	YELLOW DOT
41	YELLOW DOT
42	YELLOW DOT
43	YELLOW DOT
44	YELLOW DOT
45	YELLOW DOT
46	YELLOW DOT
47	YELLOW DOT
48	YELLOW DOT
49	YELLOW DOT
50	YELLOW DOT
51	YELLOW DOT
52	YELLOW DOT
53	YELLOW DOT
54	YELLOW DOT
55	YELLOW DOT
56	YELLOW DOT
57	YELLOW DOT
58	YELLOW DOT
59	YELLOW DOT
60	YELLOW DOT
61	YELLOW DOT
62	YELLOW DOT
63	YELLOW DOT
64	YELLOW DOT
65	YELLOW DOT
66	YELLOW DOT
67	YELLOW DOT
68	YELLOW DOT
69	YELLOW DOT
70	YELLOW DOT
71	YELLOW DOT
72	YELLOW DOT
73	YELLOW DOT
74	YELLOW DOT
75	YELLOW DOT
76	YELLOW DOT
77	YELLOW DOT
78	YELLOW DOT
79	YELLOW DOT
80	YELLOW DOT
81	YELLOW DOT
82	YELLOW DOT
83	YELLOW DOT
84	YELLOW DOT
85	YELLOW DOT
86	YELLOW DOT
87	YELLOW DOT
88	YELLOW DOT
89	YELLOW DOT
90	YELLOW DOT
91	YELLOW DOT
92	YELLOW DOT
93	YELLOW DOT
94	YELLOW DOT
95	YELLOW DOT
96	YELLOW DOT
97	YELLOW DOT
98	YELLOW DOT
99	YELLOW DOT
100	YELLOW DOT

1	WILLIAM
2	WILLIAM
3	WILLIAM
4	WILLIAM
5	WILLIAM
6	WILLIAM
7	WILLIAM
8	WILLIAM
9	WILLIAM
10	WILLIAM
11	WILLIAM
12	WILLIAM
13	WILLIAM
14	WILLIAM
15	WILLIAM
16	WILLIAM
17	WILLIAM
18	WILLIAM
19	WILLIAM
20	WILLIAM
21	WILLIAM
22	WILLIAM
23	WILLIAM
24	WILLIAM
25	WILLIAM
26	WILLIAM
27	WILLIAM
28	WILLIAM
29	WILLIAM
30	WILLIAM
31	WILLIAM
32	WILLIAM
33	WILLIAM
34	WILLIAM
35	WILLIAM
36	WILLIAM
37	WILLIAM
38	WILLIAM
39	WILLIAM
40	WILLIAM
41	WILLIAM
42	WILLIAM
43	WILLIAM
44	WILLIAM
45	WILLIAM
46	WILLIAM
47	WILLIAM
48	WILLIAM
49	WILLIAM
50	WILLIAM
51	WILLIAM
52	WILLIAM
53	WILLIAM
54	WILLIAM
55	WILLIAM
56	WILLIAM
57	WILLIAM
58	WILLIAM
59	WILLIAM
60	WILLIAM
61	WILLIAM
62	WILLIAM
63	WILLIAM
64	WILLIAM
65	WILLIAM
66	WILLIAM
67	WILLIAM
68	WILLIAM
69	WILLIAM
70	WILLIAM
71	WILLIAM
72	WILLIAM
73	WILLIAM
74	WILLIAM
75	WILLIAM
76	WILLIAM
77	WILLIAM
78	WILLIAM
79	WILLIAM
80	WILLIAM
81	WILLIAM
82	WILLIAM
83	WILLIAM
84	WILLIAM
85	WILLIAM
86	WILLIAM
87	WILLIAM
88	WILLIAM
89	WILLIAM
90	WILLIAM
91	WILLIAM
92	WILLIAM
93	WILLIAM
94	WILLIAM
95	WILLIAM
96	WILLIAM
97	WILLIAM
98	WILLIAM
99	WILLIAM
100	WILLIAM

CASCADE GARDENS

4511 Pasadena Avenue
SACRAMENTO, CALIFORNIA

Return Postage Guaranteed

USDA
NAT'L AGRIC. LIBRARY
RECEIVED

NOV 5 '85

SERIALS SECTION
CURRENT SERIAL RECORDS

U. S. DEPARTMENT OF AGRICULTURE

LIBRARY
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

PRINTED MATTER

BIBLIOGRAPHY DIVISION
LIBRARY, U. S. DEPT. OF AGRICULTURE
WASHINGTON 25, D. C.

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
(GPO)

